

Title (en)

Method to regulate a supercharged internal combustion engine and device for implementing the method

Title (de)

Verfahren zur Regelung eines aufgeladenen Verbrennungsmotors und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de régulation d'un moteur à combustion interne suralimenté et dispositif pour la mise en oeuvre de ce procédé

Publication

**EP 0877152 B1 20050119 (DE)**

Application

**EP 98108046 A 19980502**

Priority

DE 19719630 A 19970509

Abstract (en)

[origin: EP0877152A2] The method involves using an engine characteristic field in which demand parameters for a number of operating points are electronically stored to be used as input parameters to an engine controller for a desired-actual value comparison. The characteristic field contains an electronically stored compressor characteristic field (VD-KF) for the air charge compressor which represents the relationship between the mass throughput and the total pressure ratio for different turbocharger speeds.

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